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PHOTOGRAPHIC INTERPRETATION REPORT



VITAL RECORDS COPY
KAPUSTIN YAR/
VLADIMIROVKA
MISSILE TEST CENTER
USSR

LAUNCH AREA 5C

25X1

MARCH 1967

COPY **116**

6 PAGES

25X1

Declass Review by NIMA/DOD

GROUP 1: EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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PREFACE

This report is one of a series prepared under NPIC Project 11211/66, in response to CIA requirement C-D15-82.975, which requests detailed line drawing, to scale, of selected elements of the Kapustin Yar/Vladimirovka Missile Test Center (KY/Vlad MTC, Figure 1). The basic layout of the selected elements contained in this and other associated reports was compiled from recent high-resolution photography. Individual reports will be updated periodically upon completion of the series, in order that changes may be reflected as they are observed on subsequent photography.

The precision target plot included in this report is a mathematically rectified projection of the area. Plots are compiled by utilizing precision mensuration instruments, and image interpretation is performed with the aid of stereoscopic viewing equipment. Identifiable image points are measured and their coordinate values mathematically transformed by computer. This transformation corrects for camera and attitude (pitch, roll, and yaw) induced distortions, but does not correct for displacement due to ground relief and object height.

The horizontal and vertical dimensions included in this report are accurate to within plus or minus 5 feet or plus or minus 5 percent, whichever is greater.

These target plots represent the most accurate data compiled to date, but the user is cautioned to exercise care in scaling distances or determining azimuths from these plots, because relief can introduce errors in distance and alignment.

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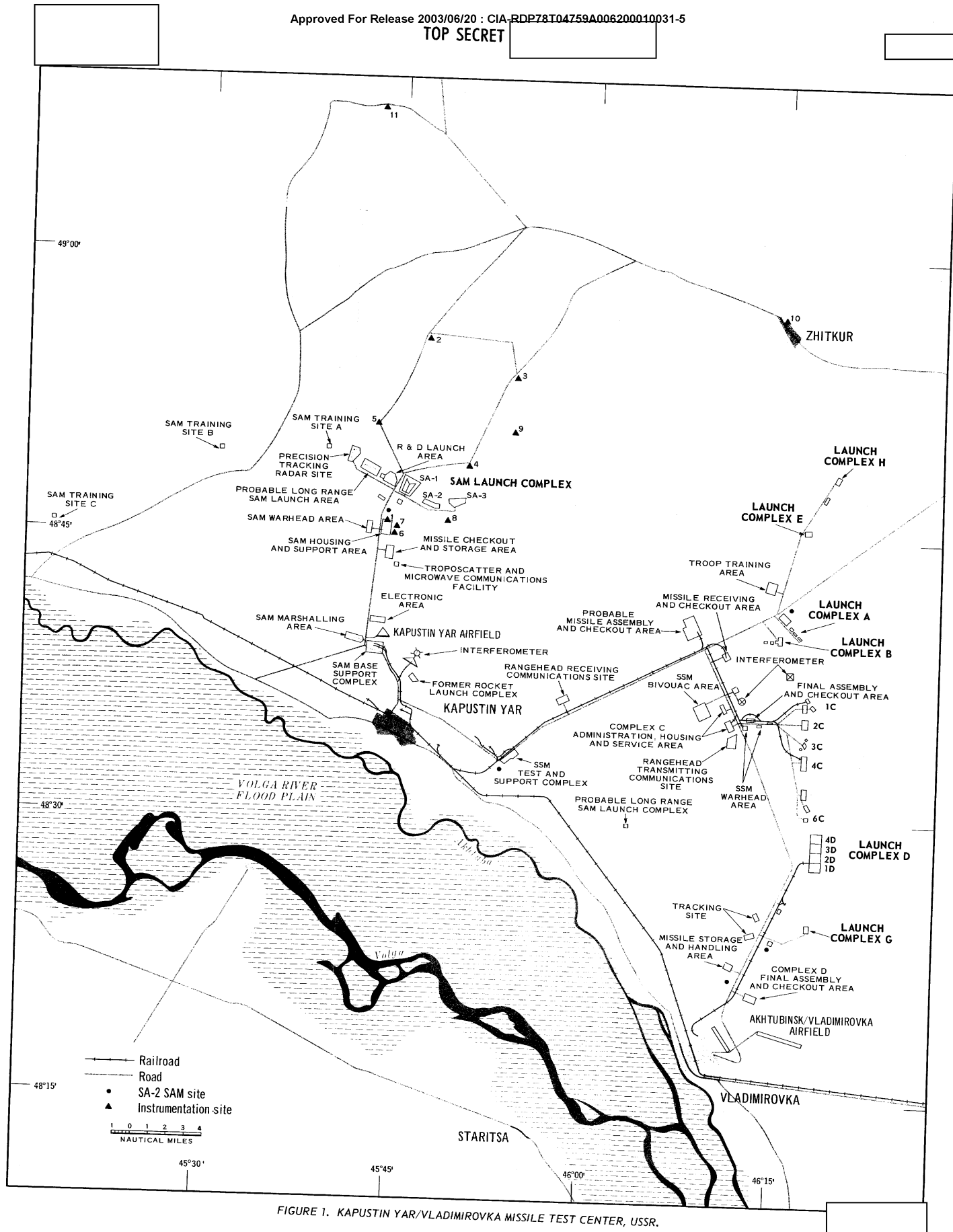
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FIGURE 1. KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR.

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KAPUSTIN YAR/VLADIMIROVKA**MISSILE TEST CENTER****LAUNCH AREA 5C****(48-32N 046-17E)**

Launch Area 5C (Figures 2 and 3), the initial R&D prototype for soft IRBM and MRBM launch sites, consists of 1 complete and active launch site designated 5C1 and 1 incomplete and abandoned launch site designated 5C2. Launch Sites 5C1 and 5C2 represent 1 side, or half, of the standard configuration for a deployed IRBM and/or MRBM launch site.

The launch area, which is located 3.2 nautical miles (nm) southeast of the Complex C Operations Area, was first observed under construction in [redacted] and negated in [redacted]. The construction was halted at both sites during the Cuban crisis and then completed at Launch Site 5C1 in [redacted].

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Launch Site 5C1

Launch Site 5C1 is a double-fenced road-served area with 2 launch pads on a general azimuth of 90 degrees. The pads are separated by approximately 750 feet. Each launch pad has a rectangular-shaped area on which the launch stand is centrally positioned. Five earth-mounded control bunkers and 5 smaller earth-covered structures are located between the 2 launch pads. Seven miscellaneous structures at the launch site include a gatehouse, a small bunker, a heating plant, and 4 support buildings.

Launch Site 5C2

Launch Site 5C2, a road-served area located immediately south of 5C1, consists of 2 abandoned launch pads oriented on a general azimuth of 135 degrees and having a pad separation of approximately 650 feet. Six semiburied control buildings located between the launch pads are also incomplete.

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FIGURE 2. LAUNCH AREA 5C, KY/VLAD MTC.

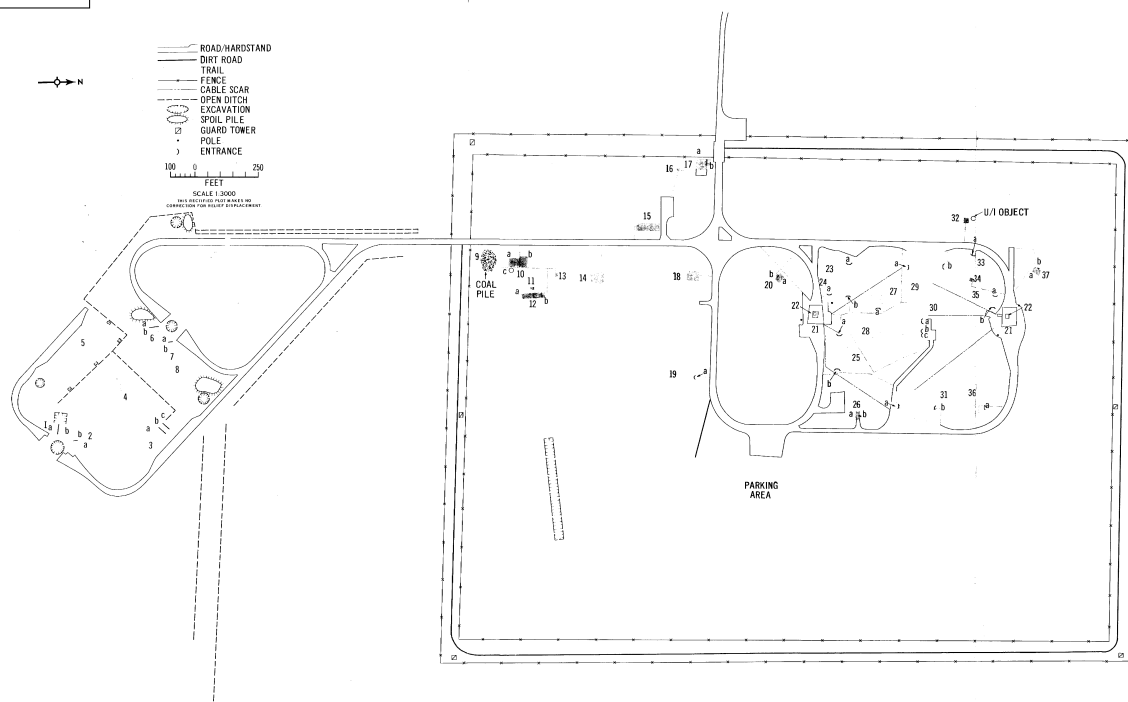
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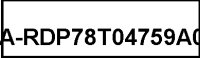
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1	ABANDONED STRUCTURE
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8	ABANDONED STRUCTURE
9	STRUCTURE
10	HEATING PLANT
11	STACK
12	STRUCTURE
13	BUILDING
14	BUILDING
15	DRIVE-IN BUILDING
16	STRUCTURE
17	GATEHOUSE
18	BUILDING
19	BUILDING*
20	ENTRANCE
21	BUILDING
22	2 LAUNCH PADS
23	2 LAUNCH STANDS
24	CONTROL BUNKER*
25	ENTRANCE
26	ENTRANCE
27	ENTRANCE
28	CONTROL BUNKER*
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99	CONTROL BUNKER*
100	ENTRANCE

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FIGURE 3. RECTIFIED PLOT, LAUNCH AREA SC, KY/VLAD MTC.

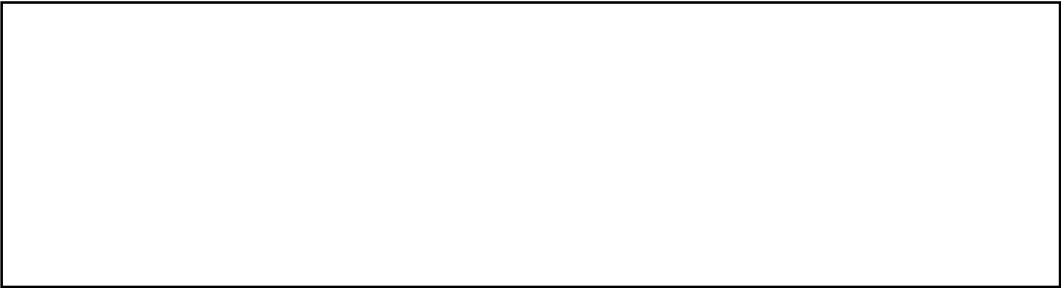
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REFERENCES



RELATED DOCUMENT

NPIC: R-5113/64, *Launch Complex C - Kopylov, Yuzhnoye Missile Test Center, USSR, Dec 64* (TOP SECRET)



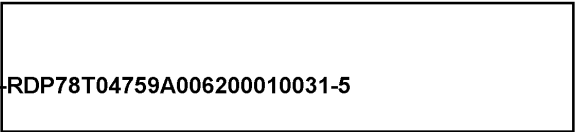
REQUIREMENT

CIA: C-DI5-82.975

NPIC PROJECT

11211/66 (partial answer)

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